

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/843,150A
Source: IFW 16
Date Processed by STIC: 11/29/2005

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IFW16

RAW SEQUENCE LISTING

DATE: 11/29/2005

PATENT APPLICATION: US/09/843,150A

TIME: 10:12:49

Input Set : E:\65691219amended.APP

Output Set: N:\CRF4\11292005\I843150A.raw

3 <110> APPLICANT: CHAMBON, PIERRE
 4 GHYSELINCK, NORBERT B.
 5 SCHNUTGEN, FRANK
 7 <120> TITLE OF INVENTION: METHOD FOR THE STABLE INVERSION OF DNA SEQUENCE BY
 8 SITE-SPECIFIC RECOMBINATION AND DNA VECTORS AND
 9 TRANSGENIC CELLS THEREOF
 11 <130> FILE REFERENCE: 065691/0219
 13 <140> CURRENT APPLICATION NUMBER: 09/843,150A
 C--> 14 <141> CURRENT FILING DATE: 2001-04-27
 16 <160> NUMBER OF SEQ ID NOS: 57
 18 <170> SOFTWARE: PatentIn Ver. 2.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 60
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Description of Artificial sequence: R1
 27 synthetic oligonucleotide
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 34 <211> LENGTH: 60
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Description of Artificial sequence: R2
 40 synthetic oligonucleotide
 42 <400> SEQUENCE: 2
 43 aattcgggtc gatggtgaag cttggataac ttcgtataat gtatgctata cgaagttatc 60
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 61
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Description of Artificial sequence: R3
 53 synthetic oligonucleotide
 55 <400> SEQUENCE: 3
 56 aattgccaa g catcaccatc gaccataac ttcgtatagt atacattata cgaagttatc 60
 57 g 61
 60 <210> SEQ ID NO: 4
 61 <211> LENGTH: 61
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial sequence

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65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial sequence: R4
67     synthetic oligonucleotide
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70 aattcgataa cttcgtataa tgtatactat acgaagttat gggtcgatgg tgatgcttgg 60
71 c                                                                                      61
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 67
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial sequence: R5
81     synthetic oligonucleotide
83 <400> SEQUENCE: 5
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85 cgaccct                                                                                      67
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 67
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial sequence: R6
95     synthetic oligonucleotide
97 <400> SEQUENCE: 6
98 ctagaggggtc gatgggtgatg cttggataac ttcgtatagc atacattata cgaagttatc 60
99 ggatcca                                                                                      67
102 <210> SEQ ID NO: 7
103 <211> LENGTH: 60
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Description of Artificial sequence: R7
109     synthetic oligonucleotide
111 <400> SEQUENCE: 7
112 ctagtccaga tctcaccatc gaccataac ttcgtataat gtatactata cgaagttatt 60
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116 <211> LENGTH: 60
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial sequence
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121 <223> OTHER INFORMATION: Description of Artificial sequence: R8
122     synthetic oligonucleotide
124 <400> SEQUENCE: 8
125 ctagaataac ttcgtatagt atacattata cgaagttatg ggtcgatggt gagatctgga 60
128 <210> SEQ ID NO: 9
129 <211> LENGTH: 28
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial sequence
133 <220> FEATURE:

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134 <223> OTHER INFORMATION: Description of Artificial sequence: R9
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138 ggggaattct tcttgtacag ctcgtcca                28
141 <210> SEQ ID NO: 10
142 <211> LENGTH: 32
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial sequence: R10
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154 <210> SEQ ID NO: 11
155 <211> LENGTH: 46
156 <212> TYPE: DNA
157 <213> ORGANISM: Artificial sequence
159 <220> FEATURE:
160 <223> OTHER INFORMATION: Description of Artificial sequence: R11
161     synthetic oligonucleotide
163 <400> SEQUENCE: 11
164 ctatcagggc gatggccac tacgtgttct gaggcggaaa gaacca        46
167 <210> SEQ ID NO: 12
168 <211> LENGTH: 47
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial sequence: R12
174     synthetic oligonucleotide
176 <400> SEQUENCE: 12
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180 <210> SEQ ID NO: 13
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182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Description of Artificial sequence: Synthetic
187     oligonucleotide
189 <400> SEQUENCE: 13
190 gtgcatctgc cagtttgagg                20
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195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial sequence: Synthetic
200     oligonucleotide
202 <400> SEQUENCE: 14
203 aatacgactc actatag                17

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206 <210> SEQ ID NO: 15
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222 <213> ORGANISM: Artificial sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Description of Artificial sequence: G2
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228 <400> SEQUENCE: 16
229 ggccataact tcgtatagca tacattatac gaagttatgc          40
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233 <211> LENGTH: 50
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Description of Artificial sequence: G3
239     synthetic oligonucleotide
241 <400> SEQUENCE: 17
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246 <211> LENGTH: 50
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial sequence: G4
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254 <400> SEQUENCE: 18
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259 <211> LENGTH: 64
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial sequence: G5
265     synthetic oligonucleotide
267 <400> SEQUENCE: 19
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269 tcta                                                  64
272 <210> SEQ ID NO: 20
273 <211> LENGTH: 64
274 <212> TYPE: DNA

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275 <213> ORGANISM: Artificial sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: Description of Artificial sequence: G6
279     synthetic oligonucleotide
281 <400> SEQUENCE: 20
282 ctagtagaca tgataagata acattgatga gtctagagcg gaattccgga aaactttatc 60
283 cata                                                                    64
286 <210> SEQ ID NO: 21
287 <211> LENGTH: 64
288 <212> TYPE: DNA
289 <213> ORGANISM: Artificial sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Description of Artificial sequence: G7
293     synthetic oligonucleotide
295 <400> SEQUENCE: 21
296 gctacgtaat aacttcgtat aatgtatact atacgaagtt atgggtcgat ggtgagatct 60
297 ccgc                                                                    64
300 <210> SEQ ID NO: 22
301 <211> LENGTH: 64
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Description of Artificial sequence: G8
307     synthetic oligonucleotide
309 <400> SEQUENCE: 22
310 ggagatctca ccacgaccc ataacttcgt atagtataca ttatacgaag ttattacgta 60
311 gcgc                                                                    64
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315 <211> LENGTH: 12
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial sequence: G9
321     synthetic oligonucleotide
323 <400> SEQUENCE: 23
324 gatcttacgt aa                                                            12
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328 <211> LENGTH: 42
329 <212> TYPE: DNA
330 <213> ORGANISM: Artificial sequence
332 <220> FEATURE:
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336 <400> SEQUENCE: 24
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340 <210> SEQ ID NO: 25
341 <211> LENGTH: 42
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial sequence

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VERIFICATION SUMMARY

DATE: 11/29/2005

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Input Set : E:\65691219amended.APP

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date